

AMENDMENTS TO THE SPECIFICATION:

Please replace the current Abstract with the following amended Abstract:

ABSTRACT OF THE DISCLOSURE

A method for transmitting orthogonal frequency division multiplexing (OFDM) signals, ~~the method including:~~ (a) coding the OFDM signals; (b) forming a block of N coded data and dividing the block into L M-sized small blocks, ~~where N, M and L indicate integers of 1 or more, and $L = N/M$;~~ (c) M-point inverse fast Fourier transforming the L small blocks; (d) combining ~~L M-point inverse fast Fourier~~ the transformed blocks, and generating to generate an N-sized inversely-transformed block; (e) attaching a cyclic prefix to the N-sized ~~inversely-transformed~~ block; and ~~and (f) transforming the blocks having the attached cyclic prefix, into an analog signal; and transmitting the transformed analog signal. Also a~~ A method of receiving OFDM signals, ~~the method including:~~ (a) digitally converting received OFDM signals and obtaining a signal sample samples from the transformed signals; (b) detecting the starting point of an N-sized signal sample block from the ~~signal samples, and;~~ ~~removing a cyclic prefix;~~ (c) dividing the signal sample block into L M-sized small blocks, ~~where N, M and L are integers of 1 or more, and $L = N/M$;~~ (d) M-point inverse fast Fourier transforming the L small blocks; (e) combining the ~~L M-point inverse fast Fourier transformed small blocks, and generating to generate~~ an N-sized transform block; and (f) detecting data from the N-sized ~~transform~~ generated block, and decoding the detected data, ~~is disclosed. N, M and L are integers of 1 or more and $L = N/M$.~~